

Title (en)
POLYPROPYLENE FILM AND MULTILAYERED LAMINATE

Title (de)
POLYPROPYLENFILM UND MEHRSCHICHTMATERIAL

Title (fr)
FILM POLYPROPYLENE ET LAMINE MULTICOUCHE

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Abstract (en)
The polypropylene film of the present invention satisfies the relationship: $TM \geq 12.5 \times HST - 900$, wherein TM is a tensile modulus (MPa) and HST is a heat seal temperature (DEG C), and is well-balanced between the tensile modulus and the heat seal temperature, less tacky, and excellent in processability, transparency and impact resistance. The polypropylene film may be produced from a propylene polymer (A) having: (1) a melting point (Tm) of from 120 to 135 DEG C as measured by differential scanning calorimeter (DSC); (2) a melting endotherm DELTA H (J/g) as measured by the DSC, satisfying the following formula: $DELTA H \geq 0.45 \times Tm + 22$; (3) a peak top half-width (Th) of 5 DEG C or lower when measured on an elution curve by temperature rising fractionation; and (4) an intrinsic viscosity $\bar{\eta}$ of from 1 to 3 dl/g as measured at 135 DEG C in tetralin. A multilayered polyolefin resin laminate of the present invention comprises at least one outermost layer made of the above polypropylene film, and is well-balanced between a tensile modulus and a heat seal temperature, less tacky and excellent in slipping and anti-blocking properties.

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